User Manual

Introduction

Wired Anti-Burglary/Intruder Alarm System have a very broad range of applications for protecting residential buildings, large business centres and other facilities, preventing the entry of unauthorized persons that may result from technical defects or breakdowns in the facilities.

Specification

- Siren: 120dB high-pitch tone
- Flashlight: high intensive flash
- Pepper spray: nontoxic pepper spray 1,000cc
- Automatic dialing device: can be linked with all security system
- Power source: AC 110V/60Hz or AC 220V/60Hz
- Two side of voltage regulator can emit AC 13V/1A
- Power supply:
  B+DC 14V is used for battery charging
  V+DC 13.5 to 15V, 400mA usually for battery charging and current circuit 300mA
- Size: 300 x 16.5 x 18cm
- Weight: 3kg

Installation & Operation

A. ANTI-ROBBERY ALARM SYSTEM INSTALLATION DC plug socket: connect with AC power;

1. Use Normal Open (N.O.) emergency button switch, and connect to the dry contact (3)(4) shown as the diagram.
2. Depending on the situation, the emergency button switch could be added by parallel device. No quantity limitation.
3. Please use the automatic restored emergency button switch, to enable it to stop alarming by remote controller.

B. ANTI-BURGLAR SYSTEM INSTALLATION

1. **Double Circuit Anti-Burglar system:**

a. The alarm and high intensive flash would be activated as soon as the door (outer circuit) was destroyed, which would frighten the intruders. And 1000 C.C. of tearing capsicum extract would be sprayed out automatically when the door of inside (inner circuit) was destroyed then.

b. Please install N.C. Anti-Burglar peripheral equipment at the outer door as (16) (18) , and at the inner door as (16) (17) .

c. The N.C. peripheral equipment of both outer & inner circuit can be paralleled. No quantity limitation.

2. **Single Circuit Anti-Burglar system:**

a. As the circuit was destroyed, to activate only alarm and flash (semiautomatic); or, to spray out the capsicum extract and to activate alarm & flash (automatic). When switch to semiautomatic operation, please press the remote controller for five seconds to spray out the capsicum extract.

b. Please add a channel switch, refer to the diagram, to connect the N.C. peripheral equipment and the channel switch separately with dry contact (16) (17) (18).

C. CONNECTING EXTERNAL HIGH VOLUME SPEAKER

1. A high decibel siren alarm has been built in the base unit already. Depends on your need, the base unit could be connected with extra speaker.
2. Please refer to the diagram for installation. To connect the positive (+) with (10), connect the negative (-) with (8), just pay attention to (+) (-).

D. EXTERNAL CONNECTION OF OPERATION LAMP

1. In order to see the working status of base unit, please increase the LED as the diagram shown.
2. The LED can be placed at assigned position.

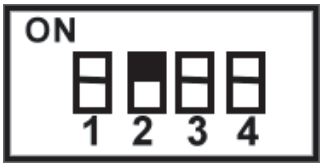
E. INSTALLATION OF AUTOMATIC DIALING SYSTEM

1. Either outer door (outer circuit) or inner door (inner circuit) available to be installed with, when the door is damaged, this device will send message out to inform the policemen for asking help.
2. Please connect the signal wiring of Auto-Dialing machine to (5) (7) or (6) (7) according to the diagram shown.

F. CODE PRESET

This unit could be controlled by code preset, which is free replaceable. When the code is required to be changed, please loose the screws on the bottom, and you'll find the codes were arranged on the upward left of circuit board as following figure:

Meanwhile, please loose the screws of remote controller and open the rear cover, then you'd find the code switch same as abovementioned. All you need to do is only to arrange the same code for base unit and remote controller. The base unit also has another 4 codes as followings:



Above 4 codes is also the model selector; which has the same function as 1. 2. 3. 4. of the remote controller. When set "ON" on code 2 for base unit, the other codes 1.3.4. Should be set at below; to press the button "2" of remote controller to preset or to release the alarm. If set "ON" on code 3 for base unit, the other code 1.2.4. Should be set at below. And, to press button "3" of remote controller to preset or to release the alarm. Besides for code setting, the same remote controller can be used to control 4 sets of base units that installed in the same area.

G. REPLACEMENT OF CAPSICUM SPRAYER

Please adjust the nozzle of capsicum can upward as vertical as below.

Then, open the rear cover and push backward the can's nozzle with fingers, and take out the can from the rear of the unit easily. Take off the nozzle and the washer and put them on a new capsicum can, then, put the new can into the unit and screw up the rear cover.

Be sure that nozzle of the can is upward as vertical, for smooth installation purpose. Screw the rear cover until the nozzle turned lightly as it being of the can which might lead to a weak spraying.

We offer the perfume can for testing purpose. Please check the base unit is under normal operation or not periodically by the perfume can.

Please refer to following figures for procedure of capsicum can's replacing.

Figures;

(1)

(2)

(3)

1) Press the nozzle of capsicum can with index finger (depending on personal convenience) and open it according to the arrow direction shown. Hold the nozzle of the can with one hand and set angle 60, the can could be taken out easily.
2) Hold the capsicum can with one hand, and the palm of the other hand shall be faced upward. Clamp the neck of the can with index and middle fingers, then press the nozzle with thumb to draw out the cap of the can.
3) Replace the new can, put the cap onto new can and clamp the can neck with the same method as above mentioned, and press the nozzle firmly.

H. MAIN POWER

Ordinary, the power switch is set at "ON" position to recharge the spared battery. When it is set at "OFF", the AC & DC of base unit is cut off without action. For an emergency case with constant alarm and flash, just turn the switch to "OFF", to stop the alarm and flash at once.

It is better to use 110V AC individually to secure the normal application of the base unit. When voltage is unstable and below 110V, please change the contact point of the electricity, or use of a stabilizer.

I. SIMPLE MAINTENANCE

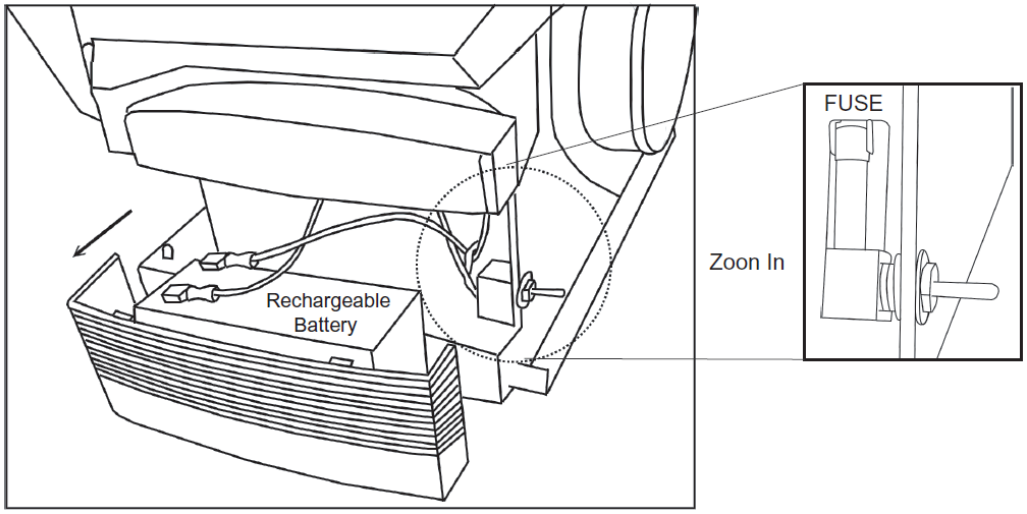
1. When the power indicator turned to green means that AC 110V is applied abnormally, please check every power plug to see if they are loosened or took off? The normal color of power indicator shall be lighted in orange.
2. When outer door lamp and inner door lamp are unlighted means that door or window did not closed well. Please check the door & window immediately.
3. When outer door lamp and inner door lamp both lighted, and the remote controller fails to preset the system or to release alarm; please check if the battery of the remote controller is short of power. If yes, change a new battery immediately.

J. INSPECTION DIRECTION OF INSTALLATION

1. After installation, please connect the power first. The lamp of base unit shall be orange color. If the lamp lighted green means that AC power was failed to be connected on. Please check if any breakdown of AC power, and solve it.
2. The power indicator of base unit for outer and inner door should be lighted green. If the lamp didn't light up, it means that N.C. Anti-Burglar peripheral equipment are out of work. Please check and repair it.
3. The indication lamp of outer door & inner door should be unlighted within normal working situation. If the indication lamp is light on as the door is open, which means that N.C. peripheral equipment are out of work. Please check and repair it.
4. Press the controller (2 Red), then the red LED is being set, the light on, and four short beep sounded; which means that base unit is ready. Please press the controller (2 Red) again, the red light off, it means the alarm of base unit is released. Please note, if the indication lamps (green) of outer door & inner door do not light up at the same time, don't press the remote controller, it won't work for preset. It can't be preset unless both outer door & inner door are closed well.
5. As the base unit being set, please open the outer door to check the alarm and flash is working or not. Then, to open the inner door to check the capsicum sprayer.

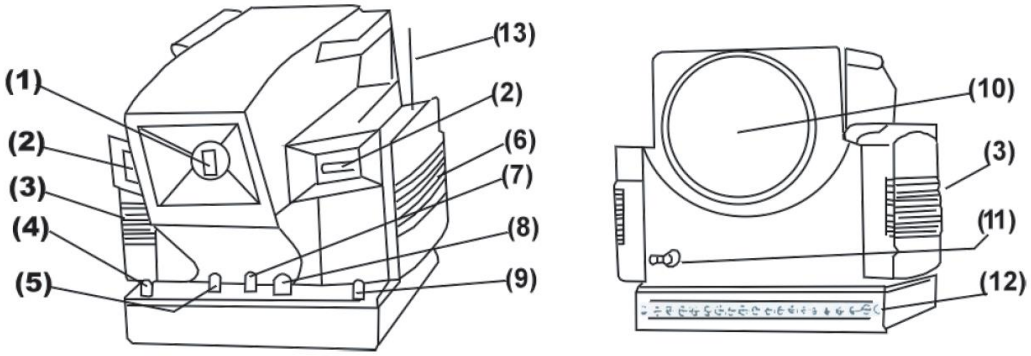
REMARKS:

1. If the sound of beep can't be heard clearly at outdoor as the doors and windows were closed well, you might consider to add an outdoor indication lamp so as to see the working status of base unit.
2. This base unit could be connected with extra indoor controller which can be used as the switch for releasing and setting alarm, besides to see the working status of base unit.
3. Once the main power failure, the B-2 burglar alarm system continue working by 2pcs rechargeable battery.
4. If the device couldn't work, please check the fuse (see the below photo) if the circuit is short.



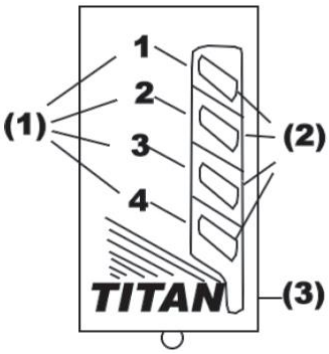
INSTALLATION INSTRUCTION

Base Unit:



1. Nozzle of Capsicum Sprayer
2. High Intensive Flash
3. Invisible Siren Alarm
4. Inner Door Indication Lamp
5. Inspection Indication Lamp
6. Spare Battery: 12V, 1.2AH
7. Power Indication Lamp
8. Preset Indication Lamp
9. Outer Door Indication Lamp
10. Rear Cover
11. Main Power
12. Terminal Board for Peripheral equipment connection.
13. Antenna

REMOTE CONTROLLER:



1. Number of Base Unit: One controller can control 4 sets of Base Unit at the same time.
2. 2 Push Button: Base Unit Preset, Alarm release, and can be used as emergency button.
3. Battery: a 12V DC battery inside.

INSTALLATION DIAGRAM